

Exhibit A

- 114. (2X Amended) [An] A purified antibody which binds to an [outside region] outer membrane domain of prostate specific membrane antigenic polypeptide, which polypeptide comprises [comprising] a fragment of the prostate specific membrane antigen having within its structure the consecutive amino acid sequence Asp-Glu-Leu-Lys-Ala-Glu (SEQ ID NO: 35).--
- 115. (2X Amended) [An] A purified antibody which binds to an [outside region] outer membrane domain of prostate specific membrane antigenic polypeptide, which polypeptide comprises [comprising] a fragment of the prostate specific membrane antigen having within its structure the consecutive amino acid sequence Asn-Glu-Asp-Gly-Asn-Glu (SEQ ID NO: 36).--
- 116. (2X Amended) [An] A purified antibody which binds to an [outside region] outer membrane domain of prostate specific membrane antigenic polypeptide, which polypeptide comprises [comprising] a fragment of the prostate specific membrane antigen having within its structure the consecutive amino acid sequence Lys-Ser-Pro-Asp-Glu-Gly (SEQ ID NO: 37).--
- 117. (2X Amended) [An] A purified antibody which binds to an [outside region] outer membrane domain of prostate specific membrane antigenic polypeptide, which

polypeptide comprises [comprising] a fragment of the prostate specific membrane antigen having within its structure each of the following consecutive amino acid sequences:

- (a) Asp-Glu-Leu-Lys-Ala-Glu (SEQ ID NO: 35);
- (b) Asn-Glu-Asp-Gly-Asn-Glu (SEQ ID NO: 36);
- (c) Lys-Ser-Pro-Asp-Glu-Gly (SEQ ID NO: 37); and
- (d) Ala-Gly-Ala-Leu-Val-Leu-Ala-Gly-Gly-Phe-Phe-Leu-Leu-Gly-Phe-Leu-Phe (SEQ ID NO:38).--

--118. (2X Amended) [An] A purified antibody which binds to an [outside region] outer membrane domain of prostate specific membrane antigenic polypeptide, which polypeptide comprises [comprising] a fragment of the prostate specific membrane antigen having within its structure each of the following consecutive amino acid sequences:

- (a) Asp-Glu-Leu-Lys-Ala-Glu (SEQ ID NO: 35);
- (b) Asn-Glu-Asp-Gly-Asn-Glu (SEQ ID NO: 36); and
- (c) Lys-Ser-Pro-Asp-Glu-Gly (SEQ ID NO: 37).--

--120. (2X Amended) [An] A purified antibody which binds to a fragment of prostate specific membrane antigenic polypeptide, which polypeptide fragment corresponds to an [outside region] outer membrane domain of prostate specific membrane antigen, the amino acid sequence of which antigen is set forth in SEQ ID NO:2.--

--121. (Amended) The purified antibody of claim 120, wherein the polypeptide comprises within its structure each of the

Applicant: Ron S. Israeli et al.
U.S. Serial No.: 08/470,735
Filing Date: June 6, 1995
Page 18

following consecutive amino acid sequences:

- (a) Asp-Glu-Leu-Lys-Ala-Glu (SEQ ID NO: 35);
- (b) Asn-Glu-Asp-Gly-Asn-Glu (SEQ ID NO: 36); and
- (c) Lys-Ser-Pro-Asp-Glu-Gly (SEQ ID NO: 37).--

--122. (2X Amended) The purified antibody of any one of claims 114-118 [or] and 120-121, wherein the antibody is a monoclonal antibody.--

--123. (2X Amended) A composition of matter comprising the purified antibody of any one of claims 114-118 [or] and 120-121 and an agent conjugated to the antibody.--